1	2	3
13.	Orissa	2
14.	Punjab	1
15.	Rajasthan	1
16.	Tamil Nadu	1
17.	Uttar Pradesh	6
18.	Uttaranchal	1
19.	West Bangal	4
20.	Arunachal Pradesh	2
21.	Manipur	1
22.	Mizoram	1
23.	Pondicherry	1
24.	Sikkim	1
25.	Tripura	1
	TOTAL	38

Installation of wind-mills in M.P.

†2470. SHRI P. K. MAHESHWARI: Will the Minister of NON-CONVENTIONAL ENERGY SOURCES be pleased to state:

(a) the number of wind-mills installed so far in the State of Madhya Pradesh with a view to promote utilization of non-conventional energy sources for irrigation; and

(b) the number of wind-mills proposed to be installed during the current financial year?

THE MINISTER OF STATE OF THE MINISTRY OF NON-CONVENTIONAL ENERGY SOURCES (SHRI M. KANNAPPAN): (a) A modified programme on deployment of small wind energy systems such as water pumping wind-mills and small aerogenerator systems was launched by the Ministry during 1993-94. Water pumping wind-mills can be installed for drinking water supply, micro-irrigation and demonstration purposes. The programme is implemented in Madhya Pradesh by the Madhya Pradesh Urja Vikas Nigam (MPUVN), the nodal agency for renewable energy in the state. No water pumping wind-mill

†Original notice of the question was received in Hindi.

has been installed so far under this programme in Madhya Pradesh for irrigation. However, a wind-mill has been installed at Jiwaji Vishwavidyalaya, Gwalior and three more are under installation at Indore, Bhopal and Jabalpur for demonstration purposes.

(b) During 2003-04 it is proposed to install 150 water pumping wind-mills in the country. Targets are allocated to the States against proposals received from them. The MPUVN does not propose to install any wind-mill in the State this year for irrigation purpose.

Setting up wind power parks in the Country

†2471. SHRI HARISH RAWAT: Will the Minister of NON-CONVENTIONAL ENERGY SOURCES be pleased to state:

(a) the total output of wind power in the country;

(b) whether there is a proposal to construct wind parks in the country;

(c) if so, whether such kind of wind power parks is proposed to be set up in Uttaranchal; and

(d) if so, the details thereof?

THE MINISTER OF STATE OF THE MINISTRY OF NON-CONVENTIONAL ENERGY SOURCES (SHRI M. KANNAPPAN): (a) Wind power projects aggregating to 1870 MW have so far been installed in the country.

(b) Yes, Sir. Wind power capacity addition of 1500 MW is envisaged during the Tenth Plan period.

(c) and (d) The State Government have proposed a 2 MW demonstration wind power project at Bachelikhal in Tehri Garhwal district of Uttaranchal.

Wind monitoring masts

2472. SHRI A. VIJAYARAGHAVAN: Will the Minister of NON-CONVENTIONAL ENERGY SOURCES be pleased to state:

(a) whether there are many wind monitoring masts for identifying areas suitable for wind farming all over the country;

†Original notice of the question was received in Hindi.